

PROCEEDINGS OF THE
ROYAL ENTOMOLOGICAL SOCIETY
OF LONDON

SERIES C. JOURNAL OF MEETINGS

VOLUME 9.

No. 7, 1944.

GENERAL MEETING

WEDNESDAY, 1ST NOVEMBER, 1944, at 3.30 p.m.

AGENDA

1. Confirmation of the Proceedings of the General Meeting held on 4th October, 1944.
2. Recommendations of candidates for Fellowship.
3. Announcement of election of new Fellows.
4. The following additions have been made to the Library since the meeting on 4th October, 1944.

Presented.

Cameron, A. E., McHardy, J. W., and Bennett, A. H. : *The Heather Beetle (Lochmaea suturalis)* ; an enquiry into its biology and control made on behalf of the British Field Sports Society. Petworth, Sussex (1944). [British Field Sports Society.]

Two albums, formed by the late E. W. and O. E. Janson, of photographs of well-known entomologists. [Mr. H. W. Janson.]

In addition separates have been presented by Captain K. J. Hayward, Mr. R. F. Bretherton, Dr. C. B. Williams, The American Entomological Society, and the United States Department of Agriculture.

5. Admission of Fellows.
6. Nomination of Officers and Council for 1945.
7. Papers accepted for publication in the *Transactions*.
8. Communications.

1. Mr. H. St. J. K. Donisthorpe.

Specimens of (1) *Phyllotreta hintoni* sp. n. swept off *Sisymbrium* and *Lepidium*, and closely related to *P. punctulata* Marsh ; (2) *Aphthona aeneomicans* Allard, both sexes taken by general sweeping. This species is new to Britain, and not like any of our other species ; (3) *Falagria concinna* Er., also new to Britain and taken by sweeping in vegetable refuse ; recorded so far from France, Italy, Madeira, East Siberia, Japan, China, Guatemala, Panama, Brazil and Honolulu.

All these beetles were taken on a small plot of uncultivated ground at Lampton, Middlesex, within three minutes' walk of Mr. Donisthorpe's house at Heston.

2. Dr. H. E. Hinton.

A remarkable case of parental care of the eggs and young larvae amongst beetles.

[For abstract see 1944, *Proc. R. ent. Soc. Lond.* (C) 9 : 22.]

3. Mr. B. D. Wragge Morley.

Observations on some plesiobiotic colonies of ants, with some notes on the occurrence of mixed colonies of ants.

[Abstract.]

During a visit to Porlock (Somerset) in June 1943, six different species of ants were found on the foreshore. Five different combinations of two different species living under the same stone were found to occur and these colonies are discussed together with other similar colonies observed by me in the past, also the occurrence of true parabiosis and similar phenomena.

4. Communications and exhibits the titles of which have been received since the circulation of these agenda.

Fellows are particularly requested to bring suitable exhibits to the General Meetings even though it may not be possible to announce their intention to do so before the meeting.

Tea will be served in the Library after the meeting.

NOTICE.

Fellows are reminded that systematic papers for which they are anxious to secure early publication can now be published with very little delay in *Proceedings Series B*, provided they do not exceed a length of some eight printed pages.

PROCEEDINGS OF THE GENERAL MEETING HELD ON 4TH OCTOBER, 1944.

Dr. E. A. COCKAYNE, M.A., M.D., F.R.C.P., President, in the Chair.

Present, 44 Fellows and 11 Visitors.

In opening the meeting the President said that the Treasurer was prevented by illness from attending. Mr. Welty had been seriously ill, but he was pleased to report that his progress was quite satisfactory and he was now out of danger.

The minutes of the meeting held on 7th June were confirmed and signed by the President, with a correction to the effect that Dr. W. H. Thorpe was in the Chair.

The President reported the death of Mr. S. R. Ashby, a member of Council, who was elected a Fellow in 1907; and informed the meeting that in accordance with the Bye-Laws Dr. H. E. Hinton had been elected a member of Council in his place.

The Secretary announced that the South London Entomological and Natural History Society's Annual Exhibition would be held on 14th October, and Fellows were invited to be present.

The Secretary reported that the Committee which had been organising a memorial to the late L. B. Prout had informed him that the sum of £93 7s. 0d. which they had collected was being handed over to the National Trust to be used suitably for that purpose.

The Secretary read the names of the following new candidates for election : Lt.-Paymr. A. E. Blake-Amos, H. M. Darlow, B.A., M.R.C.S., L.R.C.P., Miss R. M. Davenport, E. B. Dewberry, J. H. Flint, A.L.A., Major G. K. P. Hebbert, H. A. Peace, H. M. Pearson, B.Sc., W. S. Richards, A. O. Rowden, and H. C. Woodville, B.Sc.

The Secretary announced that the following had been elected Fellows of the Society : A. C. Braham, 66, Sheepridge Road, Huddersfield, Yorks; G. Ellis, Blodfryn, Bryn-Pydw, Llandudno Junction; J. McGarvey, M.B., B.Ch., Westfield, Wells, Somerset; and E. B. Pinniger, Dalegarth, 5, Endlebury Road, Chingford, London, E.4.

Mr. A. B. Hadaway, Mr. A. C. Braham, Mr. M. J. Way, Mr. R. V. Wadsworth and Dr. H. B. D. Kettlewell signed the Obligation Book and were admitted Fellows.

Thanks were voted to donors of gifts to the Library since the last meeting.

A communication was made by Mr. E. D. Eyles (Research Laboratory, Messrs. Kodak, Ltd.), an abstract of which appeared on page 22.

In addition Dr. Kettlewell exhibited specimens of :—

Panaxia dominula ab. *crocea* Schultz, and stated that they were probably homozygous dominant examples, the heterozygous individuals being a very mixed assortment varying from those indistinguishable from typical *dominula* to those with yellow spotted fore-wings, not so bright as in the homozygote examples;

Panaxia dominula ab. *albomarginata* Kettlewell, which also appeared to be homozygous dominant examples, the heterozygotes being intermediate to both. This was complicated by the fact that the gene was temperature sensitive so that at a temperature of 70° F. (constant during the pupal period) the *albomarginata* form was unable to express itself;

Arctia villica ab. *radiata*, including a series of males, collected in assembling traps placed in the Cranleigh district, attracted to both ♀ *villica* and ♀ *plantaginis*, and also aberrations of this species amongst which were a smoky male, a blackish female, and an extreme ab. *wardii* from Dovercourt.

Dr. Kettlewell also demonstrated a simple method of marking this species for the purpose of estimating populations. Between the dates of 25.v.44 and 21.vi.44 a total of 336 males were assembled; a total of 298 were marked and released within a two-mile radius of the traps; 20 returned (6.5%).

Mr. R. F. Bretherton exhibited a specimen of *Pyralis lienigialis* Zeller taken in North Berkshire.

The exhibit by Dr. Hinton, an abstract of which appeared on page 22, was held over until the next meeting.

N. D. RILEY, *Hon. Secretary.*

NOTICES

ADMISSION OF FELLOWS

Any Fellow who has not been formally admitted to the Society under Chapter XIV, Section 4 of the Bye-Laws and attends the meeting on 1st November, 1944, is requested to inform the Registrar before 3.15 p.m. on that date.

THE GENERIC NAMES OF BRITISH INSECTS, prepared by the Committee on Generic Nomenclature of the Royal Entomological Society of London, with the assistance of the Department of Entomology of the British Museum (Natural History):

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| Part 1. | Recommendations relating to the publication of the committee's reports | price 6d. |
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STYLOPS, a Journal of Taxonomic Entomology.

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ABSTRACT OF PROCEEDINGS OF THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON. 1935. Nos. 1-6 (all issued). 3s. 0d.

HÜBNER: A BIBLIOGRAPHICAL AND SYSTEMATIC ACCOUNT OF THE ENTOMOLOGICAL WORKS OF JACOB HÜBNER AND THE SUPPLEMENTS THERETO. In 2 vols. By Francis Hemming.

Price	Vol. 1.	605 pp.	£1. 15s. 0d.
	„	Vol. 2.	275 pp. 15s. 0d.

The next Meeting will be held on 6th December, 1944, at 3.30 p.m.

Published by THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON *and sold at its Rooms, 41, Queen's Gate, S.W.7, price 6d.*